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WPI / Thomson
 AN  - 1993-163881 [20]
 A   - [001] 014 03- 032 034 040 055 056 06- 075 09- 15- 18& 18- 318 342 368
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     - [006] 014 03- 034 055 056 06- 072 074 075 076 077 081 09- 117 122 15-
       18& 18- 28& 318 342 368 385 393 397 402 403 408 409 42- 427 436 479
       516 518 546
 AP  - JP19910290939 19911010; [Previous Publ JP5096538 A 00000000]
 CPY - JAPS
 DC  - A18 A32
 DCR - [1] 1 USE; 125 USE; 129610 USE; 130709 USE; 130964 USE; 131251 USE;
       131904 USE; 131967 USE; 132060 USE; 132322 USE; 132795 USE; 133258 USE;
       159 USE; 180172 USE; 188935 USE; 224718 USE; 2452 USE; 278364 USE;
       278368 USE; 278370 USE; 2849 USE; 3236 USE; 340 USE; 681 USE; 709 USE;
       87074 USE; 871 USE; 99590 USE; 99595 USE
 DR  - 0247-U 1801-U
 DW  - 199320; 199951
 IC  - B29B15/04; B29B13/06
 IN  - KIKKO K; SEGAWA M; URABE K
 KS  - 0009 0037 0042 0057 0060 0206 0209 0211 0218 0229 0304 0305 0307 0320
       0376 0377 0503 0760 1093 1095 1096 2310 2329 2370 2380 2386 2504 2541
       2542 2589 2617 3161 3170
 LNKA- 1993-072583
 MC  - A07-B A10-G01B A11-A02A A11-A04 A12-S09A
 PA  - (JAPS  ) JAPAN SYNTHETIC RUBBER CO LTD
 PN  - JP5096538             A  19930420 DW199320
       JP2970786B2           B2 19991102 DW199951
 PR  - JP19910290939 19911010
 XIC - B29B-015/04; B29B-013/06; B29B-013/00; B29B-015/00
 AB  - Polymer powder is collected by (1) solidifying polymer latex to obtain
       slurry, (2) dewatering the slurry by a vacuum aspiration dewaterer to
       obtain a cake, (3) dewatering the cake by a screw type squeezing
       dewaterer having water discharging mechanism to obtain wet powder with
       water content of 5-35 wt.%, and then (4) drying the wet powder by a
       dryer to obtain dry powder with water content of up to 3 wt.%.
       Pref. the polymer latex is e.g., ABS resin latex, MBS resin latex, AS
       resin latex, alpha-methyl styrene-acrylonitrile copolymer latex,
       polystyrene latex, HIPS resin latex, styrene-butadiene copolymer
       latex, polybutadiene rubber latex or vinylchloride copolymer latex,
       etc.. Solidifying agent used in the solidifying step (2) is e.g.,
       sulphuric acid, hydrochloric acid, nitric acid, acetic acid, CaCl2,
       NaCl or MgCl3, etc..
     - USE/ADVANTAGE :
       Dry polymer powder can be collected from polymer latex at high
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productivity and small energy consumption, and the obtd. polymer powder shows good colour tones and other properties

ICAI- B29B13/06; B29B15/04
ICCI- B29B13/00; B29B15/00
INW - KIKKO K; SEGAWA M; URABE K
IW - COLLECT POLYMER POWDER COLOUR TONE SOLIDIFICATION LATEX OBTAIN SLURRY DEWATER VACUUM ASPIRATE CAKE SCREW TYPE SQUEEZE DRY
IWW - COLLECT POLYMER POWDER COLOUR TONE SOLIDIFICATION LATEX OBTAIN SLURRY DEWATER VACUUM ASPIRATE CAKE SCREW TYPE SQUEEZE DRY
NC - 1
NPN - 2
OPD - 1991-10-10
PAW - (JAPS) JAPAN SYNTHETIC RUBBER CO LTD
PD - 1993-04-20
TI - Collection of polymer powder with excellent colour tones - by solidifying latex to obtain slurry, dewatering by vacuum aspiration to obtain cake, dewatering by screw type squeezing dewaterer, and drying